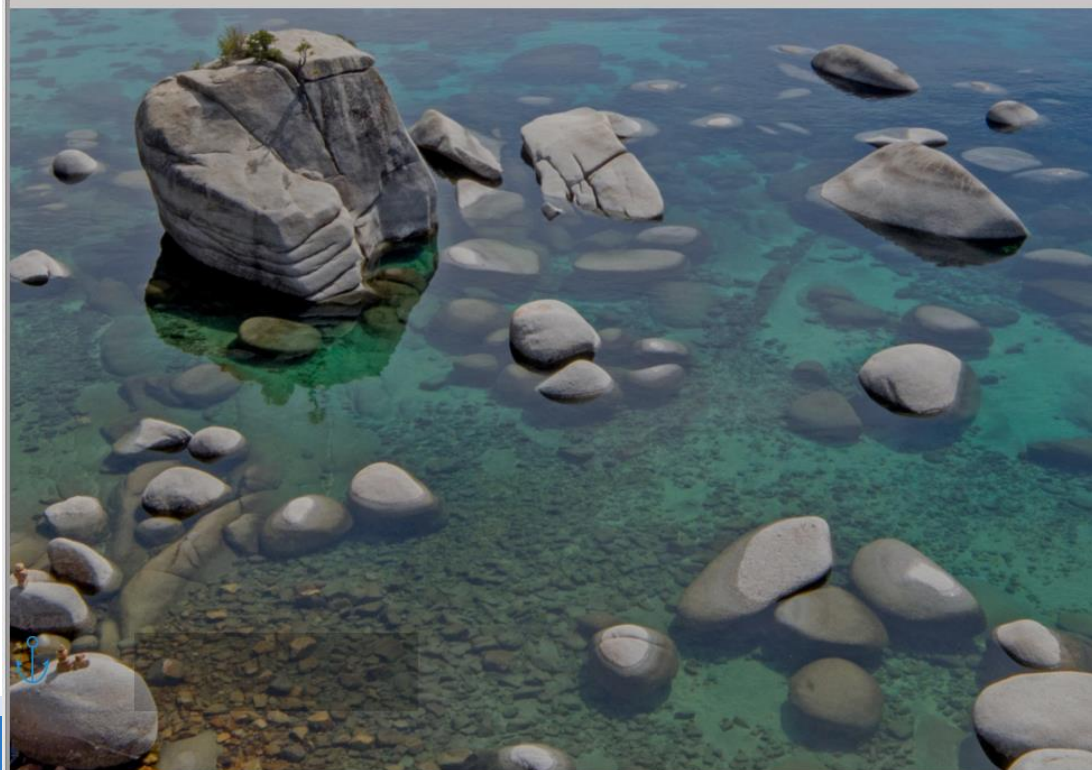


# OPERATIONS WORK PLAN

Tahoe Regional Planning Agency

FY 2021-2022



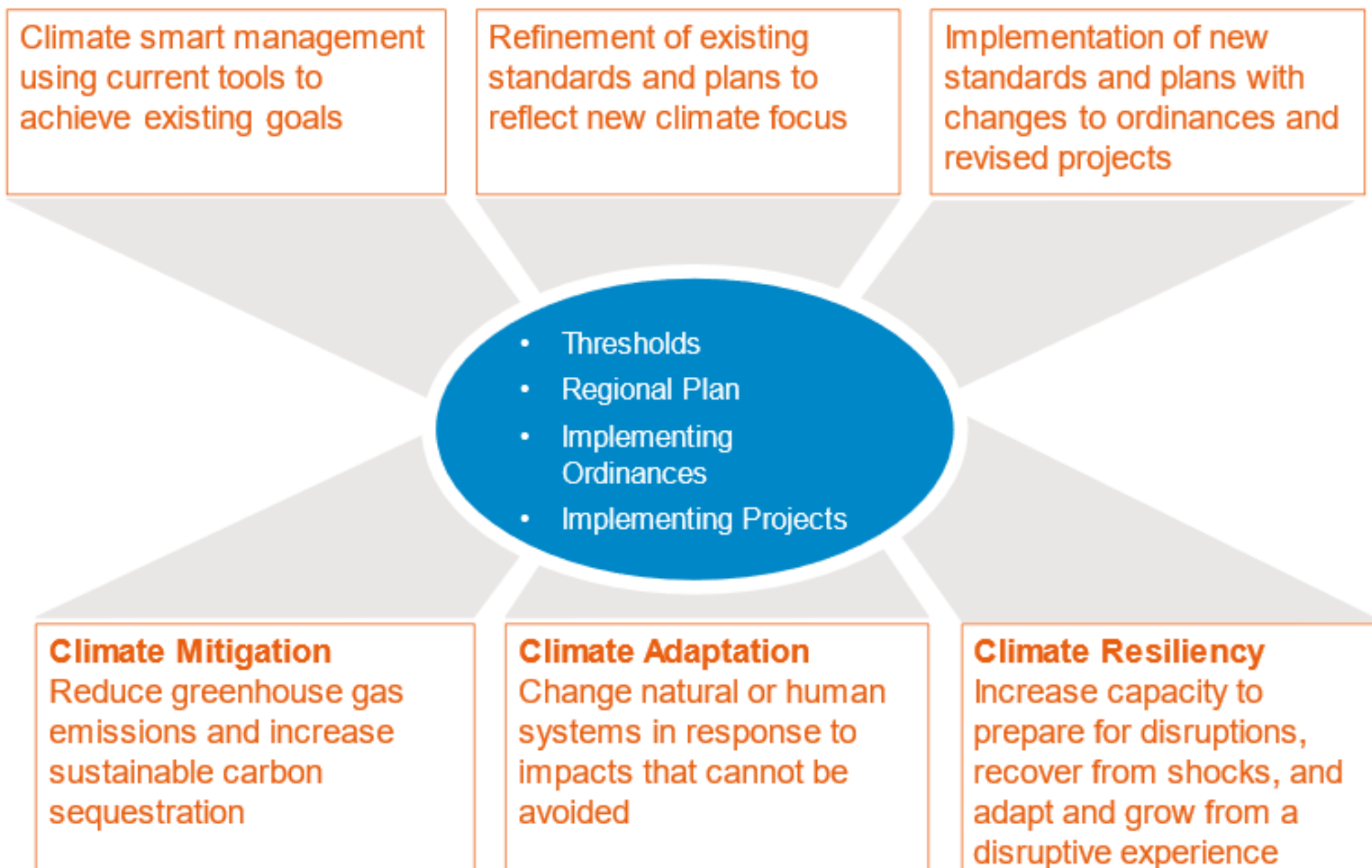
# Presentation Overview

Focus on Climate Change

Role of the Work Plan

Strategic Initiatives

## Climate Smart Thresholds, Planning, and Implementation



### Strategic Objectives (Pillars)

- Accelerate Threshold Attainment (ATA)
- Be a Leader in Sustainability (BLS)
- Use Best Science (UBS)
- Operate as a High Performance Team (OHT)

# Role of the Operations Work Plan

### Strategic Initiatives

- Climate Change and Sustainability
- Transportation and Sustainable Recreation
- Housing and Community Revitalization
- EIP Implementation
- Thresholds and Monitoring Update
- Innovation Initiative

### Operations Work Plan

- Strategic Initiatives
- Core Activities

### Annual Budget



# Strategic Initiatives

Strategic Initiative	Strategic Objectives (Pillars)			
	Accelerate Threshold Attainment	Be a Leader in Sustainability	Use Best Science	Operate as High Performance Team
Climate Change and Sustainability	●	●	●	
Transportation and Sustainable Recreation	●	●		
Housing and Community Revitalization		●		●
EIP Implementation	●	●		
Thresholds and Monitoring Update		●	●	
Innovation Initiative		●		●

# Climate Change and Sustainability Initiative



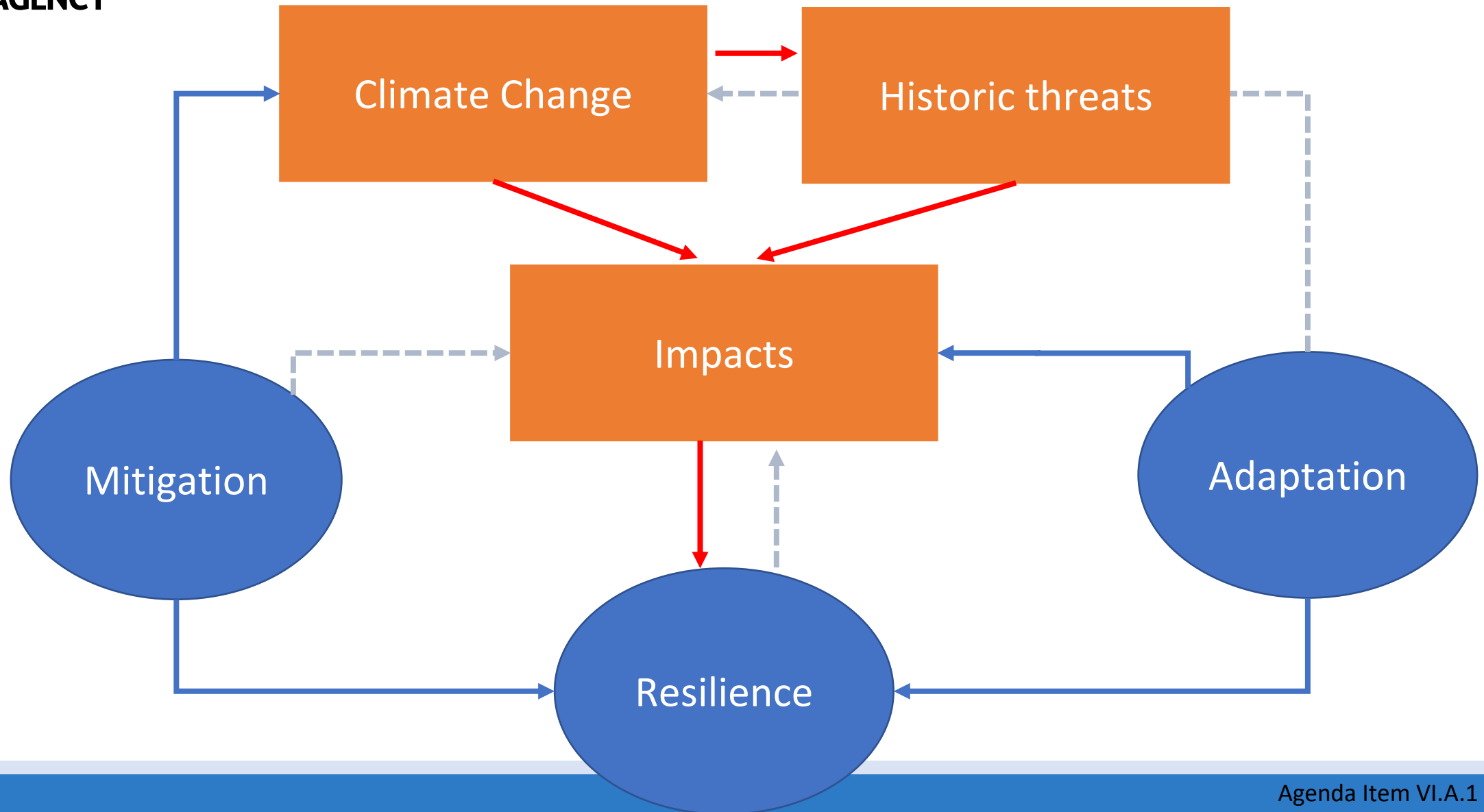
# TAHOE IN DEPTH

*Protecting, Enjoying & Exploring the Lake Tahoe Basin*

Fall 2021 ■ Issue #20



**CALDOR'S  
MENACING MARCH**

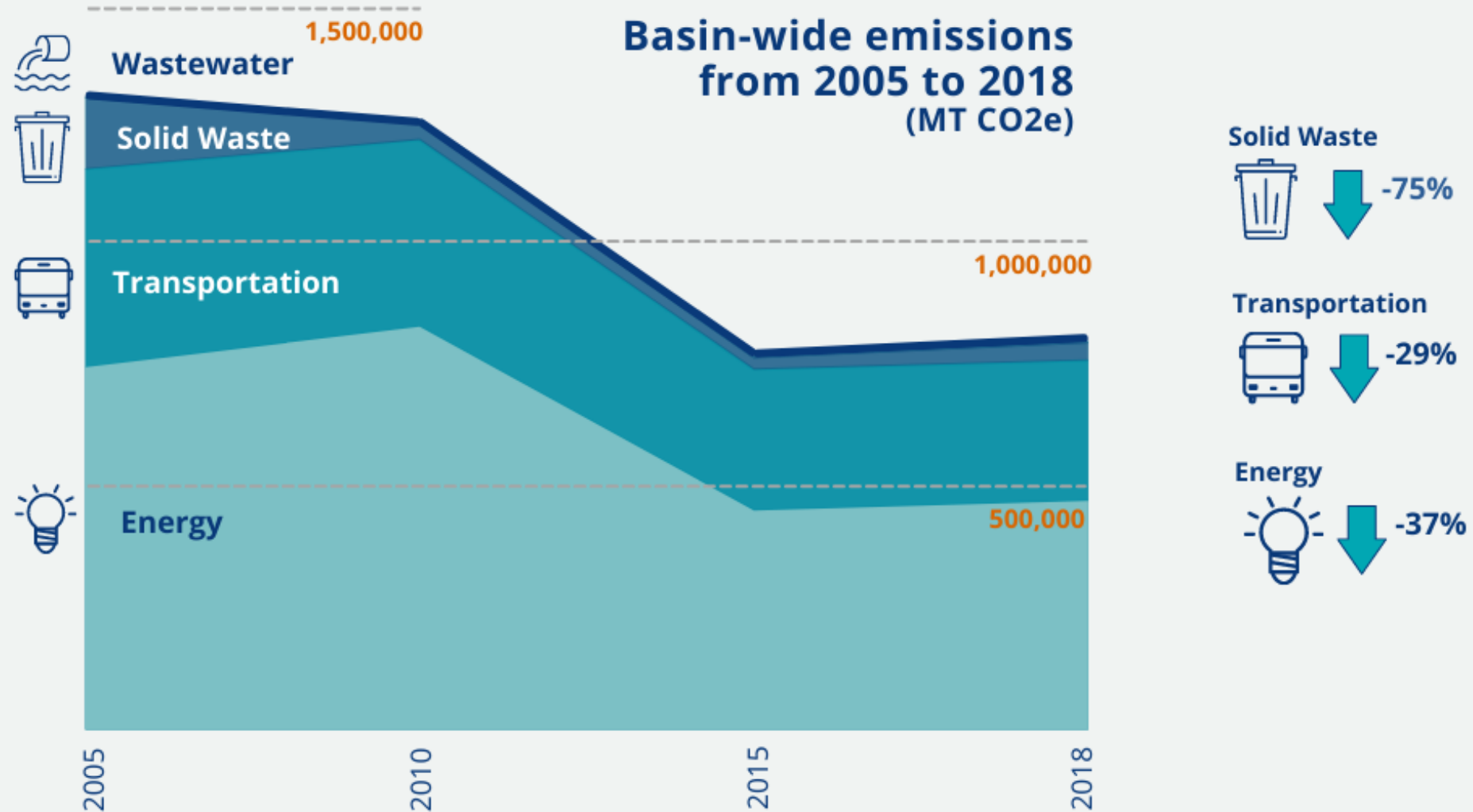




# TOTAL 2018 GREENHOUSE GAS EMISSIONS: ~800,000 MT CO<sub>2</sub>e

**Over half** of the emissions in the Lake Tahoe Basin come from energy.  
Energy + transportation account for **over 95% of total emissions** in the basin.

Emissions **decreased** from 2005 to 2018, but **slightly increased** from 2015 to 2018.



# Greenhouse Gas Reduction Targets

15% GHG reduction  
by 2020 (met in 2018)

49% reduction by 2035

Net-zero by 2045

2020

2035

2045

2050

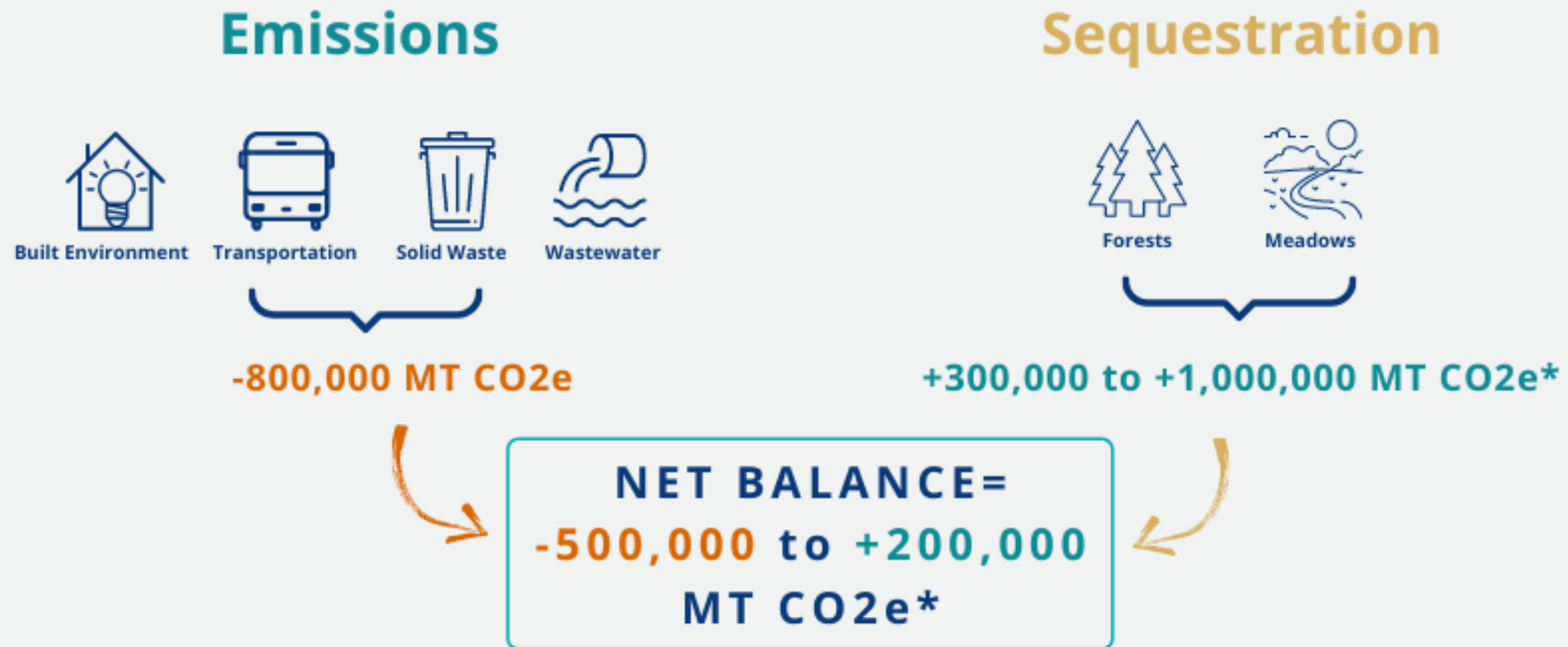
California:  
Carbon Neutral  
by 2045

Nevada:  
Net-Zero  
by 2050

## REDUCING EMISSIONS IS CRUCIAL

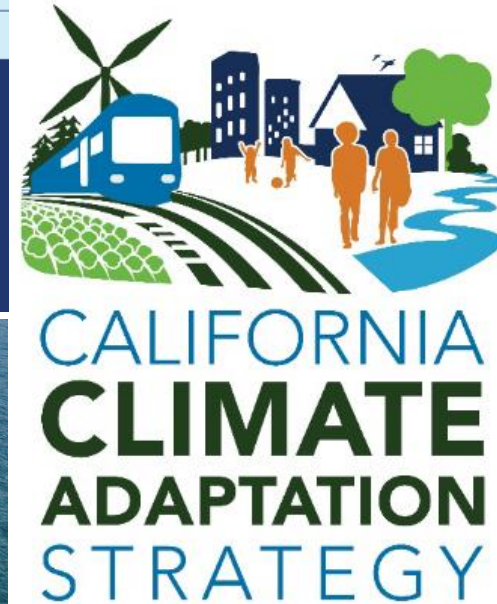
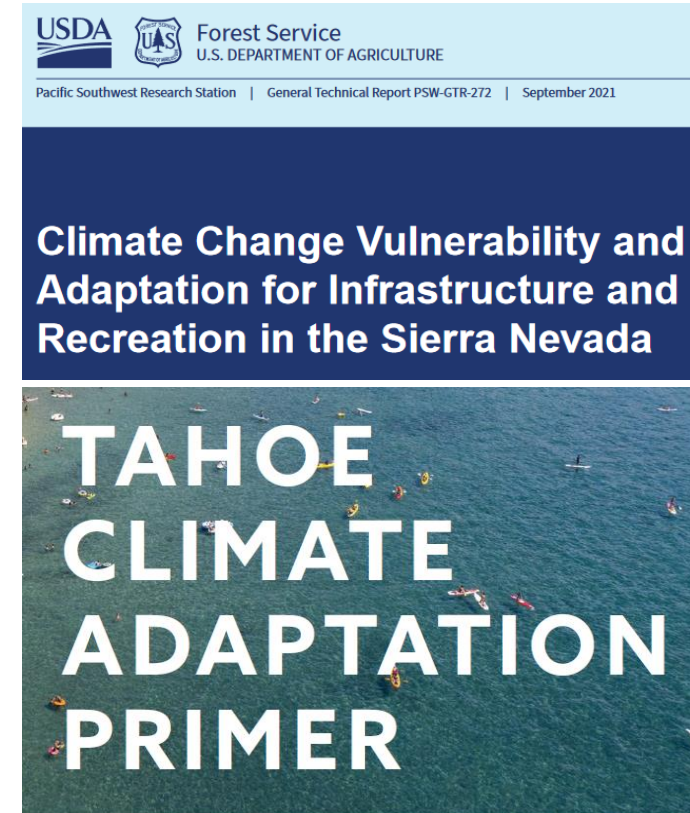
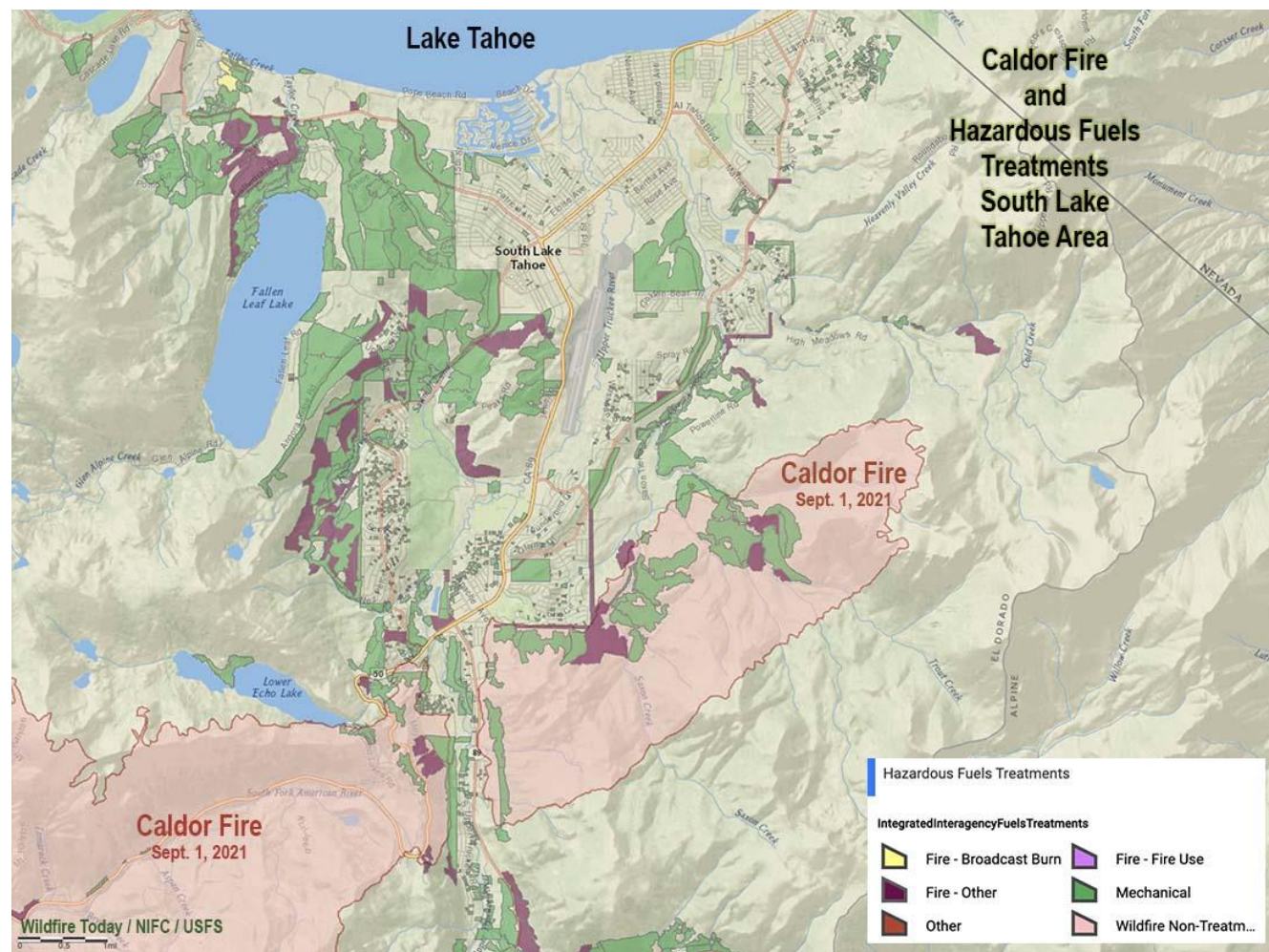
If no further action is taken to continue reducing emissions, overall emissions in the basin are forecast to increase 5.7% by 2045.

# CARBON ACCOUNTING BALANCE (2018)

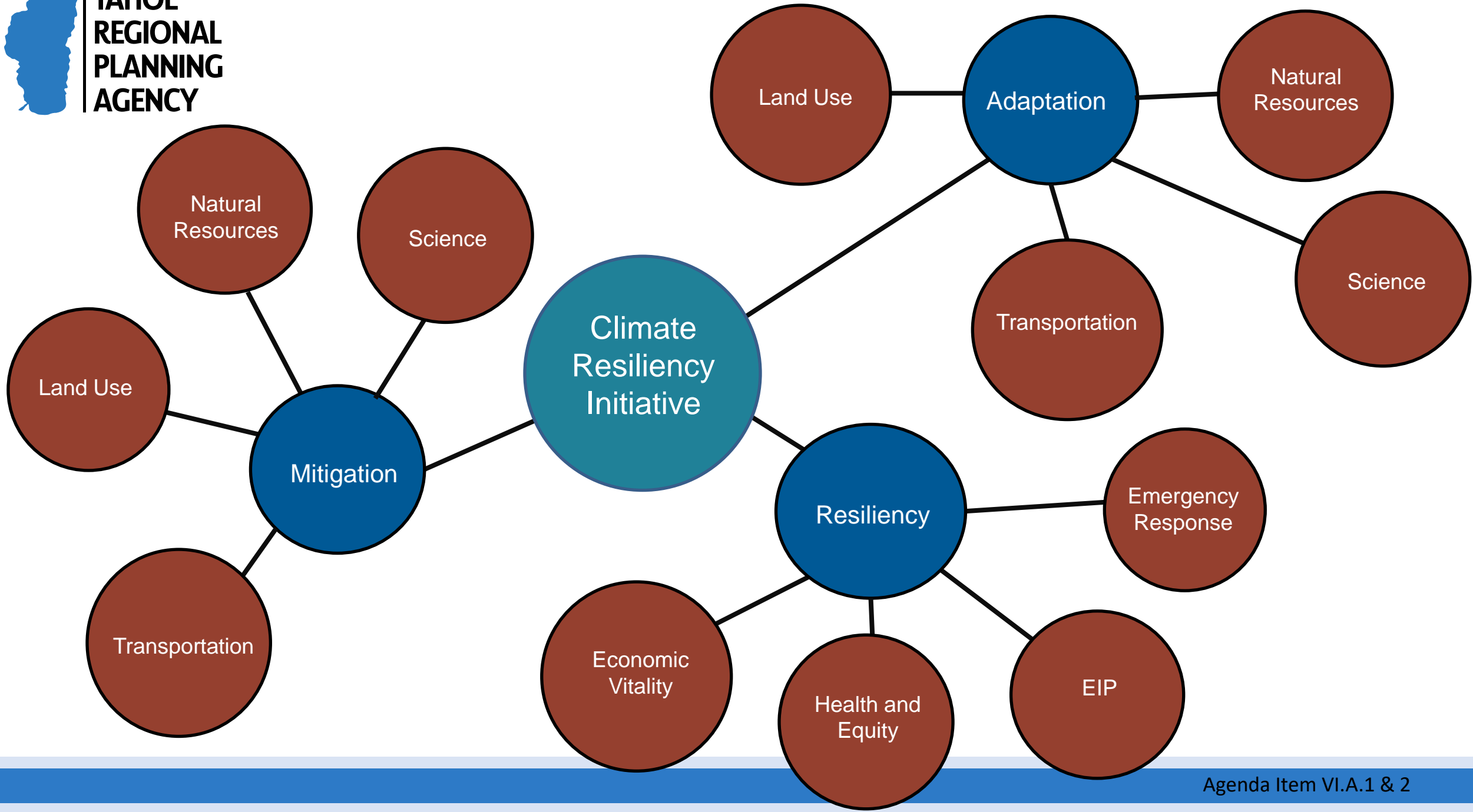


\*The wide range in 2018 carbon sequestration values for the Tahoe Basin is a result of the variation in forest carbon outputs compared in this analysis, as well as unknown meadow condition status.

# Climate Adaptation







# A Blueprint for Climate Resilience

WATERSHEDS AND  
WATER QUALITY

FOREST HEALTH

SUSTAINABLE  
RECREATION AND  
TRANSPORTATION

SCIENCE,  
STEWARDSHIP, AND  
ACCOUNTABILITY



Funding  
Strategy

5 Year  
Priority List

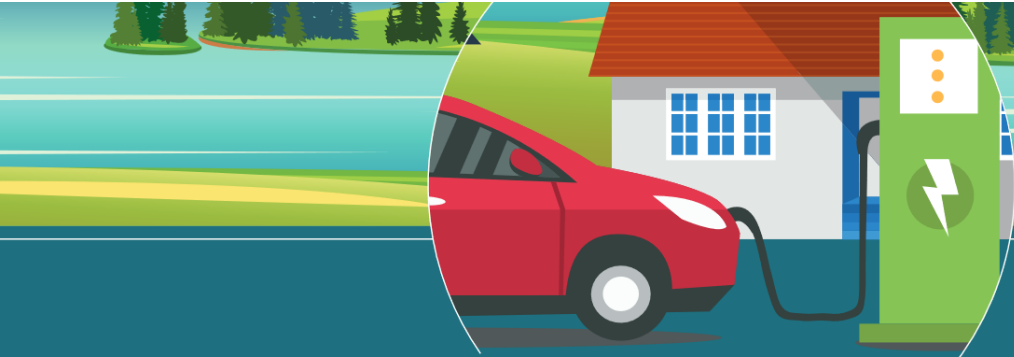
Threshold  
Standards

Performance  
Measures

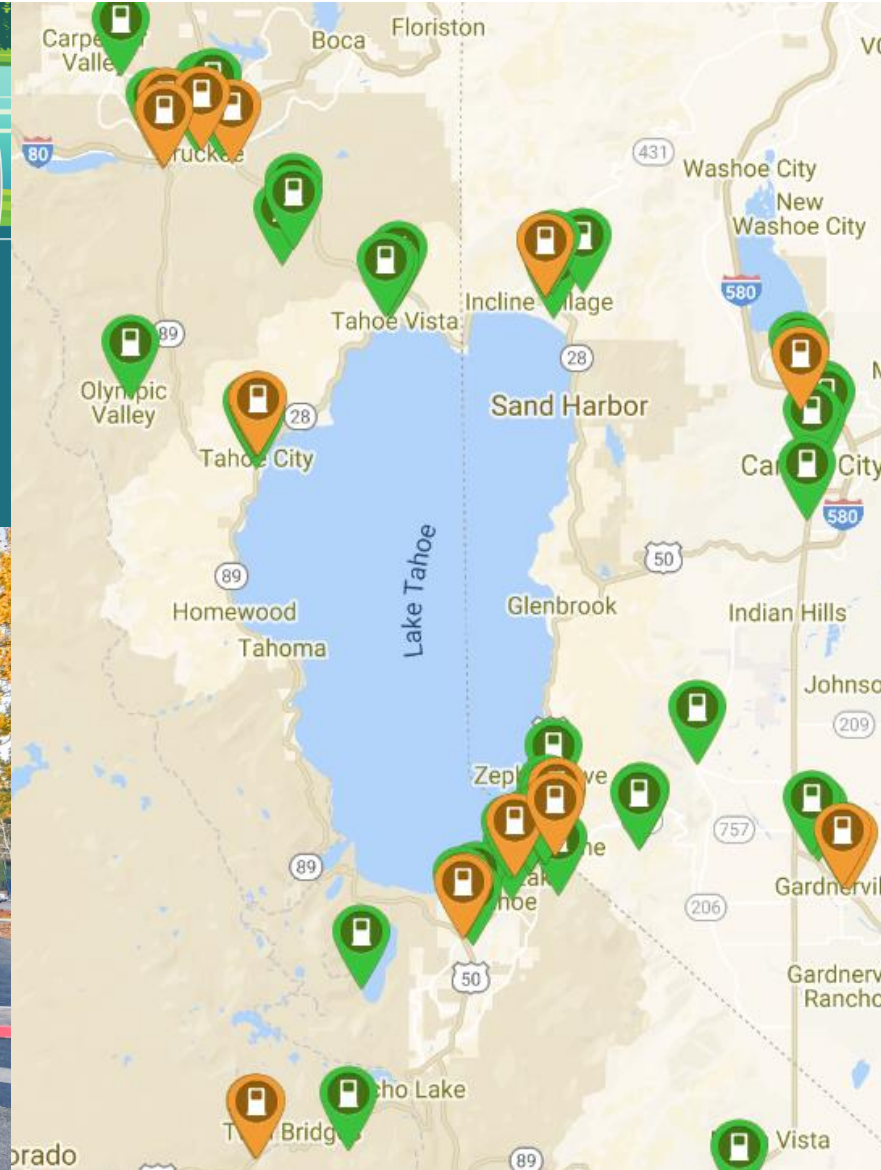
Resilience  
Dashboard



# Transportation



## Tahoe-Truckee Plug-in Electric Vehicle Readiness Plan



**67**

Charging Locations

**157**

Stations



**50%**

since 2017

**5**

Electric Buses



# Sustainable Recreation and Tourism

**FI****TURE**  
**OF TOURISM**





## Housing



**Sugar Pine Village**

## Thresholds





# Harmonize Across Plans



Lake Tahoe Sustainable Communities Program Documents Series #3

## Sustainability Action Plan:

### A Sustainability Action Toolkit for Lake Tahoe

December 2013



*Lake Tahoe*  
Sustainable Communities

*Lake Tahoe*  
ENVIRONMENTAL IMPROVEMENT PROGRAM  
2018 ACCOMPLISHMENTS + A LOOK AHEAD



PUBLIC LAW 96-551 – DEC. 19, 1980

Public Law 96-551  
96<sup>th</sup> Congress

To grant the consent of the Congress to the Tahoe  
Secretary of Agriculture and others to cooperate w

Be it enacted by the Senate and House of Represent  
assembled, That in order to encourage the wise use  
the resources of the area around said lake, the cons  
Regional Planning Compact heretofore adopted by  
reads as follows:

TAHOE REGIONAL

ARTICLE I - FINDINGS AND

(a) It is found and declared that:

(1) The waters of Lake Tahoe and  
deterioration or degeneration, which endan  
the region.

(2) The public and private interest

(3) The region exhibits unique env  
irreplaceable.

(4) By virtue of the special conditions and circumstances of the region's natural ecology,  
developmental pattern, population distributions and human needs, the region is experiencing  
problems of resource use and deficiencies of environmental control.

(5) Increasing urbanization is threatening the ecological values of the region and  
threatening the public opportunities for use of the public lands.

(6) Maintenance of the social and economic health of the region depends on maintaining  
the significant scenic, recreational, educational, scientific, natural public health values provided  
by the Lake Tahoe Basin.

(7) There is a public interest in protecting, preserving and enhancing these values for the  
residents of the region and for visitors to the region.

(8) Responsibilities for providing recreational and scientific opportunities, preserving  
scenic and natural areas, and safeguarding the public who live, work and play in or visit the  
region are divided among local governments, regional agencies, the States of California and  
Nevada, and the Federal Government.



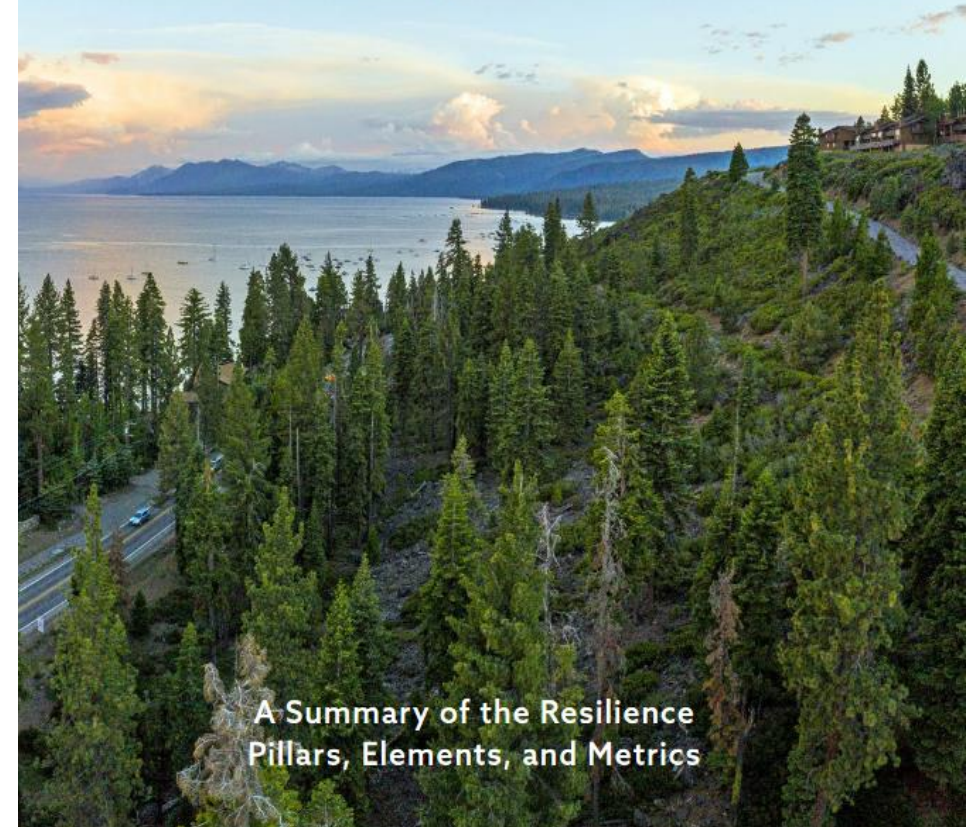


**TAHOE  
REGIONAL  
PLANNING  
AGENCY**



# FRAMEWORK FOR RESILIENCE

## TAHOE-CENTRAL SIERRA INITIATIVE



# Pathway to Climate Resiliency

## Objective 1: Regional Collaboration

- Environmental Improvement Program

## Objective 2: Integration and Adaptive Management

- Operations Work Program
- Sustainability Code Package

## Objective 3: Education, Engagement, Equity

- Transportation Equity Study

## Objective 4: Science, Data, and Monitoring

- Lake Tahoe Information
- Thresholds



# QUESTIONS